

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030139.D
 Acq On : 16 Mar 2019 12:56
 Operator : JC/SP
 Sample : K1936-04
 Misc : 5.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFW01

Quant Time: Mar 18 05:01:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 04:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	505859	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	517528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	283603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139402	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.32%
7) Chloroethane-d5	1.64	69	69084	25.58	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.16%#
11) 1,1-Dichloroethene-d2	2.23	63	194941	32.28	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	4.19	46	246677	98.40	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.64	84	275756	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.30	65	165907	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.33	84	583647	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.32	67	187275	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.86%
41) Toluene-d8	7.56	98	532397	42.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.36%
43) trans-1,3-Dichloropropene-	7.85	79	87085	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.32	63	234707	102.88	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	335006	53.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	256514	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

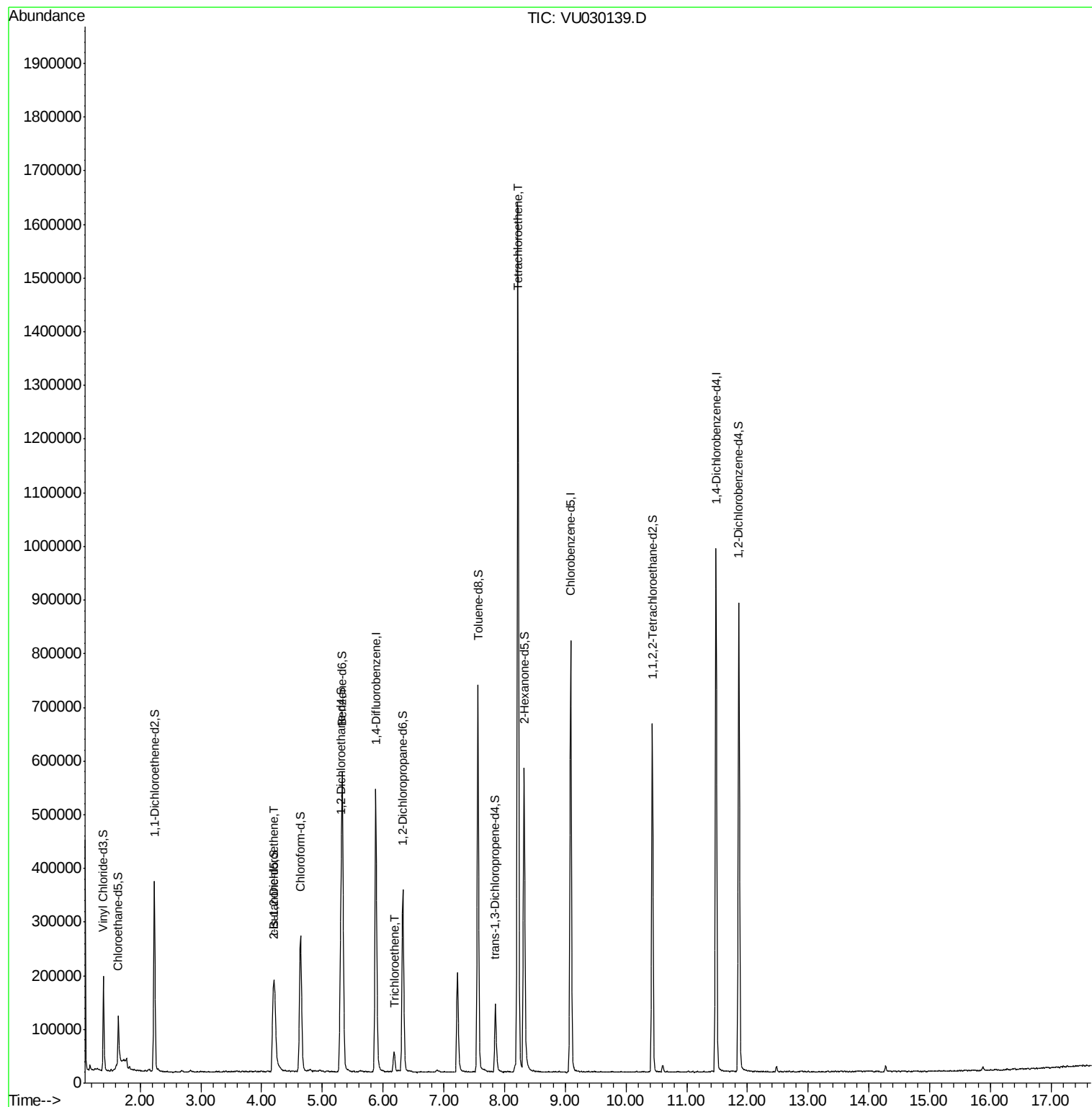
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	55497	14.119 ug/L	96
34) Trichloroethene	6.18	95	13619	3.509 ug/L	97
46) Tetrachloroethene	8.22	164	391409	115.233 ug/L	100

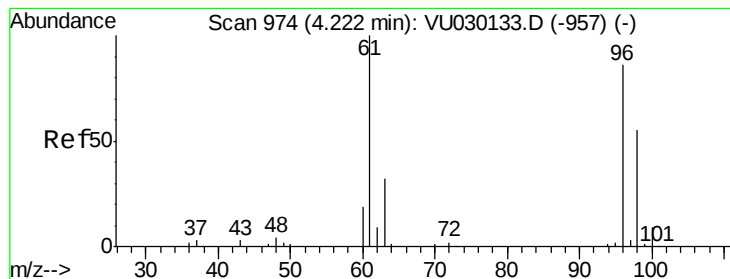
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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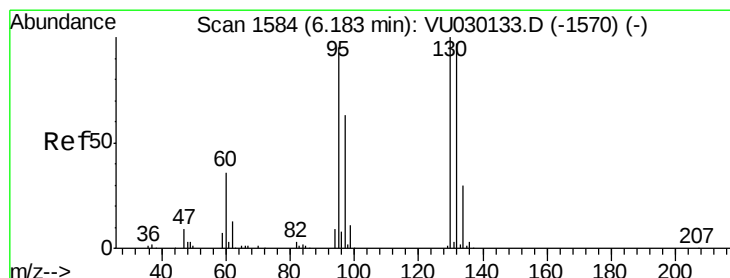
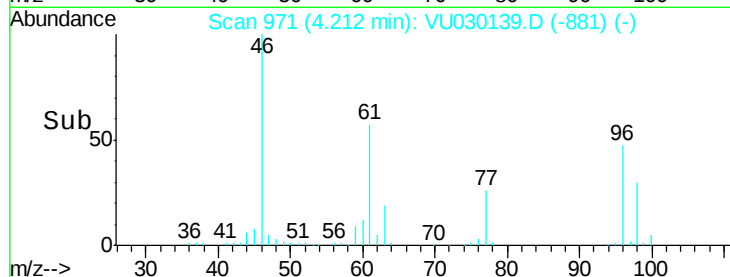
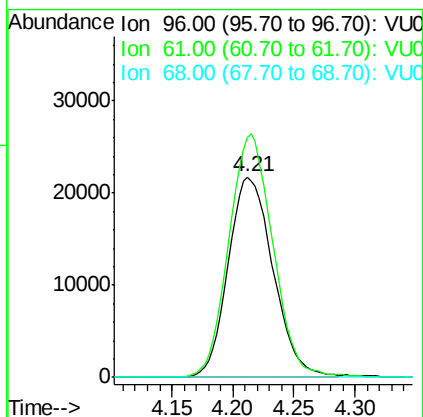
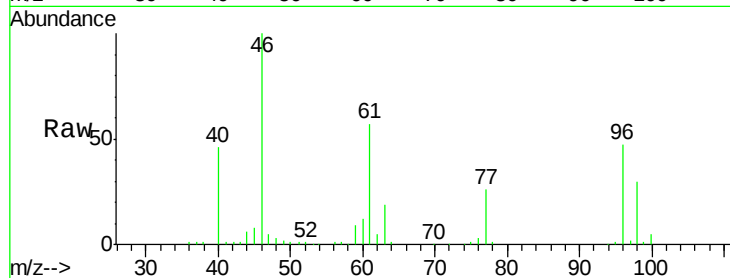


#20

cis-1,2-Dichloroethene
Concen: 14.119 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU030139.D
Acq: 16 Mar 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
BF0W1

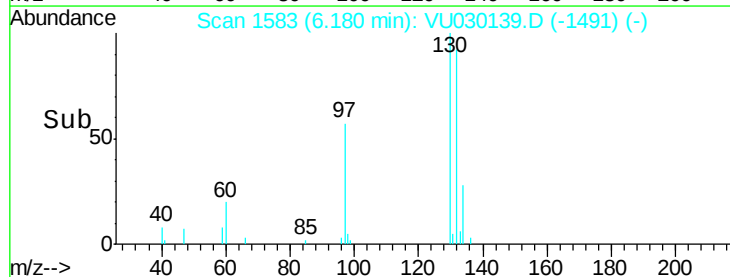
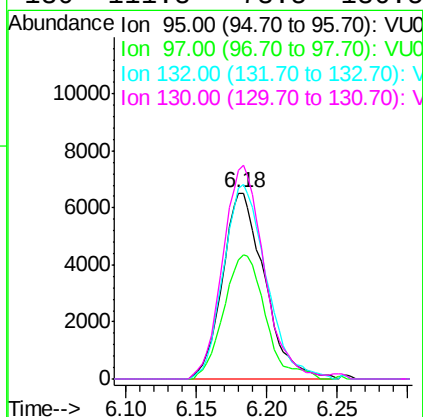
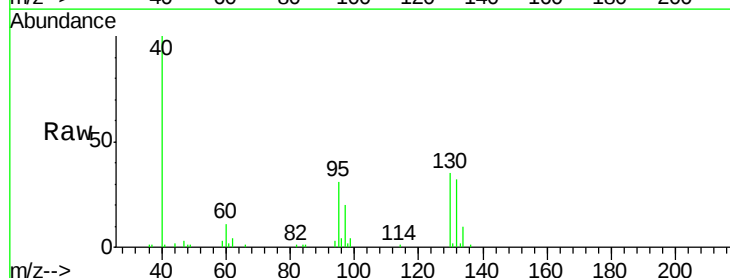
Tot Ion: 96 Resp: 55497
Ion Ratio Lower Upper
96 100
61 119.6 80.8 150.2
68 0.0 0.0 0.0

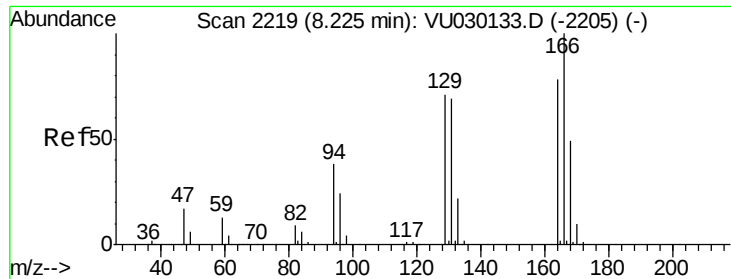


#34

Trichloroethene
Concen: 3.509 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030139.D
Acq: 16 Mar 2019 12:56

Tgt Ion: 95 Resp: 13619
Ion Ratio Lower Upper
95 100
97 63.7 45.5 84.5
132 102.5 71.5 132.7
130 111.8 73.5 136.5





#46

Tetrachloroethene

Concen: 115.233 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030139.D

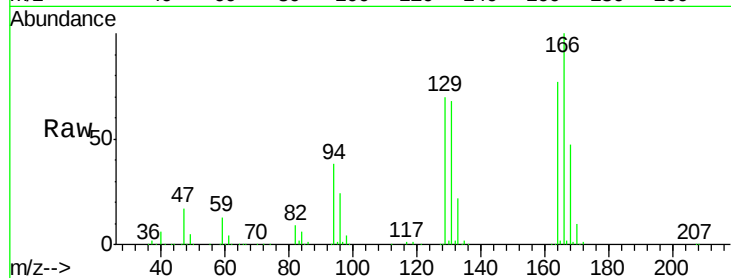
Acq: 16 Mar 2019 12:56

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MSVOA_U

ClientSampleId :

BF0W1



Tot Ion:164 Resp: 391409

Ion Ratio Lower Upper

164 100

129 91.2 63.3 117.7

131 88.3 62.0 115.2

166 129.5 90.5 168.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

